함수 f 의 미분
(The derivative of f)

The derivative of f

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Definition

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$$f'(x)$$

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$$f'(x) = \lim_{h \to 0} \frac{f(x+h) - f(x)}{h}$$

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$$f'(x) = y'$$

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$$f'(x) = y' = \frac{dy}{dx}$$

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A function f is differentiable at a if $f'(a)$ exists. It is differentiable on an open interval (a, b) [or (a, ∞) or $(-\infty, a)$ or $(-\infty, \infty)$] if it is differentiable at every number in the interval.

Github:
https://min7014.github.io/math20240130001.html

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